WHAT IS CLAIMED IS:

1. A home page automatic update system comprising:

a home page management unit reading out an HTML document from a home page database in response to a request from a user terminal, and transmitting the readout HTML document to the user terminal;

a patrol search unit extracting update data by executing in turn a reception process of a mail message stored in a mail server, an extraction process of update data of an HTML document stored in the home page database, a file search process in a management terminal, and a search process of schedule data in a storage device on the basis of a priority order; and

an update data generation unit generating update HTML data on the basis of the extracted update data, wherein the home page management unit transmits an HTML document which contains the update HTML data generated by the update data generation unit to the user terminal.

2. A system according to claim 1, wherein the update HTML data contains banner advertisement data.

3. A system according to claim 1, wherein the reception process of a mail message includes a process for sending a mail transmission request to the mail server, and a reception process of a mail message from the mail server.

4. A system according to claim 1, wherein the extraction process of update data of an HTML document stored in the home page database includes a process for reading out a latest first HTML document and a second HTML document having an update time a predetermined period of time before the current time from the home page database, and a process for extracting a mismatched data part of the first and second HTML documents.

5. A system according to claim 1, wherein the file search process in the management terminal includes a process for sending a file search request to the management terminal, and a reception process of an update file from the management terminal.

6. A system according to claim 1, wherein the storage device stores schedule data set with a predetermined cyclic period, and update data associated with the schedule data, and

the search process of schedule data in the storage device includes a search process of update data associated with a schedule corresponding to the current time.

7. A home page automatic update method comprising:

reading out an HTML document from a home page database in response to a request from a user terminal, and transmitting the readout HTML document to the user

terminal;

extracting update data by executing in turn a reception process of a mail message stored in a mail server, an extraction process of update data of an HTML document stored in the home page database, a file search process in a management terminal, and a search process of schedule data in a storage device on the basis of a priority order; and

generating update HTML data on the basis of the extracted update data,

wherein the transmitting the readout HTML document includes transmitting the HTML document including the update HTML data.